



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 27, 2022

Brian Hogan
Regulatory Consultant for,
AP GoldShield, LLC
Electronic Transmittal: [BrianHogan330@gmail.com]

Subject: Notification per PRN 98-10 – To Revise Product Labeling
Product Name: GoldShield 5
EPA Registration Number: 85556-1
Received Date: March 14, 2022
Action Case Number: 00346731

Dear Mr. Hogan:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

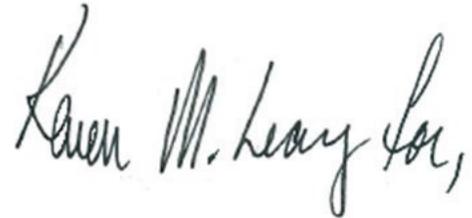
The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Assurance.

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If you have any questions, you may contact Karen M. Leavy at (202)-566-0866 or via email at Leavy.Karen@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Karen M. Leavy Esq,". The signature is written in a cursive style with a large initial 'K' and a long, sweeping tail on the 'y'.

Tara Flint
Acting Product Manager 31
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs



Water Based

Goldshield®5
[Alternative brand: GS 5]]

MICROBIOSTATIC AGENT *
A Silicone Quaternary Ammonium Salt

Active Ingredient:	3-(Trihydroxysilyl)propyldimethyloctadecyl ammonium chloride.....	5.0%
Other Ingredients:	95.0%
TOTAL INGREDIENTS:	100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

NOTIFICATION

85556-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

09/27/2022

EPA Reg. No. 85556-1

EPA EST. [As indicated on label]

NET CONTENTS: 2, 4, 8, 16, 20, 22, 25 or 32, 36 fluid oz.; 1, 5, 55, 150, or 275 gal.

Lot No.

*A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne or disease-causing bacteria.

FIRST AID
<p style="text-align: center;">Have the product container or label with you when calling the poison control center or doctor, or going for treatment.</p> <p>IF IN EYES:</p> <ul style="list-style-type: none"> - Hold eye open and rinse slowly and gently with water for 15-20 minutes. - Removed contact lenses, if present, after the first 5 minutes, then continue rinsing. - Call poison control center or doctor for treatment advice.
<p>IF INHALED:</p> <ul style="list-style-type: none"> - Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. - Call a poison control center or doctor for further treatment advice.
<p>IF ON SKIN:</p> <ul style="list-style-type: none"> - Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center or doctor for treatment advice.
<p>IF SWALLOWED:</p> <ul style="list-style-type: none"> - Call a poison control center or doctor immediately for treatment advice. - Have person sip a glass of water if able to swallow. - Do not induce vomiting unless told to do so by a poison control center or doctor. - Do not give anything by mouth to an unconscious person.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. Do not get in eyes. Avoid contact with skin and avoid breathing vapor. Wear protective eyewear (goggles or face shield). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Commercial and industrial uses: This microbiostatic agent is toxic to fish when discharged in bulk. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

De-activation may be required during clean up if a spill occurs. De-activation of *Goldshield* ®5 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of *Goldshield* ® 5.

Homeowner use: This pesticide is toxic to fish. When discharged in bulk. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

DIRECTIONS FOR USE Commercial and Industrial Locations

Use Goldshield 5 or alternatively GS 5 [this product] in/on the locations listed below.

Homes	Bathrooms Shower and bath areas
Restaurants	Institutions
Convenience stores	Colleges & Universities
Clinics	Churches
Dental Offices	Barber shops
Health Care Facilities	Schools
Hospitals	Salons
Medical Offices	Tattoo Parlors
Nursing Homes	Camp grounds
Day Care Centers	Nurseries
Playground areas	Farms
Animal Laboratories	Hog Farms
Animal Clinics	Cannabis Farms and Grow Houses
Pet Animal quarters	Dairy Farms
Kennels	Mushroom Farms
Pet shops	Poultry Farms and Grow Houses
Zoos	Turkey Farms
Athletic Facilities	Citrus Farms and Grow Houses
Exercise facilities	Prisons
Locker Rooms	Correctional Facilities
Fitness Centers	Public restrooms
Yoga Facilities	Public Facilities
Airplanes	Campers
Ambulances	Taxis
Boats	Cars and Rental Vehicles
Buses	Emergency Vehicles
Businesses and office buildings	Transportation terminals
Dressing rooms	Mobile Homes
Factories	Subway cars and facilities
Ships	International Space Station

Ships
Hotels
Motels

Space Vehicles
Submarines

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry.

Prepare solutions by simply adding *Goldshield* ®5 to solvent and stirring. Dilute *Goldshield*® 5 by adding 5 parts water to 1 part *Goldshield*® 5 concentrate and stir or Dilute *Goldshield* ®5 by adding 0.2 to 2 fluid ounces of *Goldshield* ®5 per cup (3.2 to 32 fluid ounces of *Goldshield* ®5 per gallon) of water or other solvents (for example, alcohol and ketones) and then applied to organic or inorganic substrates by brushing, dipping, soaking, spraying, to give a final treatment of 0.1 to 1.0 percent by weight active ingredient.

Dry substrates at temperatures from ambient to a maximum of 160°C (320°F) to effect complete condensation of silanol groups and to remove water, solvents and/or traces of methanol from hydrolysis. Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply *Goldshield* ®5 every three months (90 days) or when odor, staining and discoloration due to odor causing bacteria, mold stains, and mildew stains return. For protection up to 90 days or when bacteria or fungi re-occur GS5 may be used in concentrate form as a laundry protectant to inhibit these bacteria and fungi that cause odor, staining and discoloration, or diluted (5 parts water to 1 part GS5) as a surface antimicrobial agent.

Goldshield ®5 when used as a concrete additive is added directly during concrete preparation. Use 6 fluid ounces *Goldshield* ®5 per cubic feet of concrete. Add to water before addition of concrete. Addition of *Goldshield* ®5 reduces deterioration of sewer pipes and manholes by inhibiting microbiologically induced corrosion.

Goldshield ®5 when used as an additive for paints and coatings is added directly during preparation of the paint or coating. Use 5 pounds of *Goldshield* ®5 per 100 pounds of paint or coating (or 1 pound *Goldshield* ®5 per 20 pounds paint/coating). The addition of the antimicrobial agent *Goldshield* ®5 to paints at the point of manufacture preserves the paint in the can as well as the dried paint film. *Goldshield* ®5 inhibits the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew), and algae on the surface of dried films and coatings.

Approved Commercial and Industrial applications

The active ingredient in *Goldshield* ®5 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. *Goldshield* ®5 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems
- Air filters/materials
- Aquarium filter material
- Athletic facilities, lockers, locker rooms, benches, gym equipment, countertops of non-food contact surfaces, yoga mats, wrestling

- mats, exercise balls, synthetic grass
- Bed sheets, blankets, and bedspreads
- Beds, bed railings and bed frames
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Cages, made of cement or concrete, metal bars
- Cellulose sponges used for non food contact surfaces
- Chairs and furniture made of composite materials, wood or metals
- Changing counters of non-food contact surfaces, and rooms, doorknobs, floors, laminate flooring
- Apply GS 5 to cell phone glass and casing, remote call devices, TV remote control devices, stationary phones and handles, let dry and wipe clean any residue.
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- Concrete additive for repair and renewal of sewer pipes and manholes and concrete sewer structures; not to be used in treatment of storm drains
- Exterior walls (such as stone, concrete, brick)
- [Face] mask[s]
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool
- Fiberglass ductboard
- Fire hose fabric
- Film of PVA poly vinyl alcohol, polyvinyl acetate, polypropylene, PVC (poly vinyl chloride), used for packaging non-food products
- Garbage cans, trash cans
- Glass
- Humidifier belts
- Interior and exterior of transportation vehicles; automobiles [cars], taxis, buses, trains, boats, ships, EMS vehicles and the cushions, seat covers, carpets contained therein.
- Institutional & Industrial delivery carts, made of synthetic substrates or textiles, laundry linen carts, scales, stools, wheel chair seats-backs and arm rests, gurneys and gurney covers of synthetic materials
- Lamp stands, light fixtures, light switches and plates,
- Mattress pads and ticking, mattress pads of vinyl, PVC, PVA, poly vinyl acetate or other synthetic materials
- Men's underwear and outerwear
- Non-woven disposable diapers
- Non-woven polyester
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos)
- Goldshield ®5 can be used in paints and coatings as an in can preservative for protection of paint film and coating film. Types of paints and coatings include : latex indoor/outdoor paints and stains, wood-stains, architectural paints, lacquer and maintenance coatings, films, laminates and finishes including alkyd, urethane, enamel, epoxy, siloxaline , amino resins, textile coatings, extrusion coatings, architectural coatings and overlays, anti-corrosion coatings, fire-resistant coatings, aliphatic coatings, vinyl-ester and polyester coatings, gel coatings, amino resins, resins used as additive mixes for cement, epoxy laminating resins, and blends and copolymers thereof;
- Polyurethane and cellulose foam for household, industrial, and institutional sponges for non-food contact surfaces and mops
- Polyurethane and polyethylene foam, when covered

- Polyurethane foam for packaging and cushioning in non-food contact applications
- Polyurethane foam used as a growth medium for non-food crops and plants
- **PPE [personal protective equipment]**
- Pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties) used for non- food contact surfaces
- Refrigerators-exterior
- Roofing materials - defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats
- Room tables for non-food contact surfaces, made of wood, composite materials and metals, cabinets made of wood, composite materials, metals, cages
- Sand bags, tents, tarpaulins, sails, and ropes
- Athletic and casual shoes
- Shoe insoles
- Shower curtains, privacy curtains, of cotton, cotton blends of polyester, nylon or viscose, polypropylene and other synthetic fibers
- Shower stalls, walls, floors, ceilings
- Shopping cart handles, industrial push carts
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers used for non food contact surfaces
- Toilet tank and seat covers, bathroom faucets and sinks
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Vinyl paper-wallpaper for non-food contact surfaces
- Disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops for non-food contact surfaces; the wiping cloths do not impart pesticide properties
- Women's hosiery

DIRECTIONS FOR USE

Approved Commercial applications used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

For Pump Spray Application: Dilute Goldshield® 5 by adding 5 parts water to 1 part Goldshield® 5 concentrate and stir or dilute 8 ounces of Goldshield® 5 per gallon of water (2 oz. per quart; 1oz. per pint). Using pump sprayer, spray entire area 4"- 6"s from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Goldshield® 5 treats approximately 200 square feet per diluted gallon of water.

When treating coarser substrates, more Goldshield ®5 may be required due to absorption. A fan may be used to assist in drying carpeting.

For Commercial Spray Application: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers) dilute 8 ounces of Goldshield ®5 per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. Goldshield ®5 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates, more Goldshield ®5 may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

For Dipping/Soaking Application: Use appropriate sized wash-basin or tub for dipping/soaking the item you are treating. Use enough Goldshield ®5 solution to completely submerge item. Dilute 8 ounces of Goldshield ®5 per gallon of water (2 oz. per quart; 1oz. per pint); mix well. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small, concealed area prior to application. Do not reuse solution after dipping/soaking. The substrate can be dried at room temperatures or at temperatures to a maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply Goldshield ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

For protection up to 90 days or when bacteria or fungi re-occur Goldshield 5 may be used in concentration form as a laundry protectant to inhibit bacteria and fungi that cause odor, staining and discoloration. Add Goldshield 5 in concentrated form during the laundry rinse cycle, which will result in a dilution with 9 parts water to 1 part GS 5 or a resulting 0.5% active. For applying to surfaces dilute (5 parts water to 1 part GS5 resulting in a 0.83% active) as a surface antimicrobial agent.

DIRECTIONS FOR USE For Homeowner Applications

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Wear protective eyewear (goggles or face shield) and gloves when using this product. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. Clean surfaces prior to application.

Approved homeowner uses

The active ingredient in Goldshield ®5 is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. Goldshield ®5 can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) activity.

	Pest controlled	Dilution Rate	Method of Application
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<p>Bed-sheets, blankets, bedspreads, curtains, draperies (washable only), underwear, socks, intimate apparel, hosiery, throw rugs, toweling, toilet tank covers, shower curtains, shoe insoles, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos).</p> <p><i>Goldshield</i> ®5 can be applied to fabrics made of acetates, acrylics, cotton, fiberglass, linen, Lycra, nylon, orlon, polyester, polyethylene, polyolefins, polypropylene, rayon, silk, spandex, vinyl, and wool</p>	<p>Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)</p>	<p>8 oz./ gallon 2 oz./ quart 1 oz./pint</p>	<p>DIP/SOAK: Dilute <i>Goldshield</i> ®5 in water; mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough <i>Goldshield</i> ®5 solution to completely submerge item. Keep item in solution for 3 minutes. Remove item and wring excess liquid. Drying may be attained by dripping dry or wringing excess liquid from treated item. For larger items (e.g., bedspreads, curtains, draperies), place in washing machine on spin cycle to aid in the removal of excess liquid. Test staining and color-fastness of fabric and carpets by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or temperatures to a maximum of 160°C (320°F); (for example in a clothes dryer). If necessary, reapply <i>Goldshield</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p> <p>SPRAY: Dilute <i>Goldshield</i> ®5 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply <i>Goldshield</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.</p>
	Pest controlled	Dilution Rate	Method of Application
<p>Air filters and air filter material for</p> <ul style="list-style-type: none"> • Furnaces, air conditioners • Air purification systems • Automobiles • Recirculating air handling systems • Vacuum cleaner filters • Aquariums 	<p>Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae</p>	<p>8 oz./ gallon 2 oz./ quart 1 oz./pint</p>	<p>SPRAY: Dilute <i>Goldshield</i> ®5 in water; mix well. When treating filters, remove filter from the unit. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Apply and then let stand until dry. If necessary, reapply <i>Goldshield</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>

	Pest controlled	Dilution Rate	Method of Application
Carpeting	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute <i>Goldshield</i> ®5 in water; mix well. Apply to clean carpet surface. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. For rotary jet extraction cleaners and carpet steamers, add the diluted <i>Goldshield</i> ®5 solution directly to the cleaning tank, then operate the equipment in accordance with manufacturer's instructions. Apply and then let stand until dry. Test staining and color-fastness of carpets by treating and drying a small concealed area prior to application. <i>Goldshield</i> ®5 treats approximately 200 square feet per diluted gallon of water. When treating coarser substrates(e.g., wool carpeting), more <i>Goldshield</i> ®5 may be required due to absorption. Dry carpet areas and surfaces before re- entry. A fan may be used to assist in drying carpeting. Remove children and pets from treated area until completely dried. If necessary, reapply <i>Goldshield</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Dilution Rate	Method of Application
Mattress pad and mattress ticking and upholstery composed of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool; fiberfill to be used in upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, rayon or wool	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute <i>Goldshield</i> ®5 in water; mix well. Clean surfaces prior to application. Using a trigger pump sprayer spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. When applying to mattress pads and ticking do not soak. Remove children and pets from treated area until completely dried. If necessary, reapply <i>Goldshield</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains and mildew stains return.

	Pest controlled	Dilution Rate	Method of Application
Tents, tarpaulins, sails, ropes.	Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	8 oz./ gallon 2 oz./ quart 1 oz./pint	<p>SPRAY: Dilute <i>Goldshield</i> ®5 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. If necessary, reapply <i>Goldshield</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p> <p>DIP/SOAK: Dilute <i>Goldshield</i> ®5 in water and mix well. Use appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough <i>Goldshield</i> ®5 solution to completely submerge item. Keep item in solution for three minutes. Remove item and wring excess liquid. Test staining and color-fastness of fabric by treating and drying a small concealed area prior to application. Do not reuse solution after dipping/soaking. Dry treated articles before use. Substrates can be hang-dried at room temperature or at temperatures to a maximum of 160°C (320 °F); (for example in a clothes dryer). Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply <i>Goldshield</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, mildew stains, and algae stains return.</p>
	Pest controlled	Dilution Rate	Method of Application
Roofing materials (such as shingles, roofing granules, wood shakes, felt, stone, synthetic overcoats) Exterior walls (such as stone, concrete, brick)	Odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae	8 oz./ gallon 2 oz./ quart 1 oz./pint	<p>SPRAY: Dilute <i>Goldshield</i> ®5 in water; mix well. Make sure the roof or wall is clean prior to application. Using a pressuresprayer, spray the entire surface area 6"-12" from the surface making sure the surface is completely covered.</p> <p>After applying the dilute solution of <i>Goldshield</i> ®5 let stand until dry. <i>Goldshield</i> ®5 treats approximately 200 square feet of roofing or wall per diluted gallon of water. If necessary, reapply <i>Goldshield</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold</p>

			stains, mildew stains, and algae stains return.
	Pest controlled	Dilution Rate	Method of Application
Buffer pads (polishing and abrasive), Polyurethane and cellulose foam for household sponges and mops, vacuum cleaner bags, umbrellas, casual shoes, athletic shoes	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute <i>Goldshield</i> ®5 in water; mix well. Clean surface prior to application. Using a trigger pump sprayer or pressure sprayer, spray the entire surface area 4"-6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply <i>Goldshield</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.
	Pest controlled	Dilution Rate	Method of Application
Tubs, glazed tiles, vanity tops, shower curtains, shower stalls (areas), sinks, washable walls, wall paper for non-food contact, floors, window sills, cabinets, garbage cans, appliances, refrigerators (exterior), fiberglass, formica, glazed tiles, glazed porcelain, synthetic marble, plastic, vinyl	Odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew)	8 oz./ gallon 2 oz./ quart 1 oz./pint	SPRAY: Dilute <i>Goldshield</i> ®5 in water; mix well. Using a trigger pump sprayer, spray the entire surface area 4"- 6" from the surface making sure the surface is completely covered. Let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. If necessary, reapply <i>Goldshield</i> ®5 every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

(Note to Reviewer: Text in {} are for organizational purposes within this Master Label. Brackets [] indicate optional text.)

{LAUNDRY MARKETING TEXT}

wash-to-wash protection

Laundry [Protectant] [Protector]

prolong[s] fabric life

for [textiles][fabrics][clothes][linens][athletic gear][uniforms]

{MARINE MARKETING TEXT}

Keeps interiors new

Odor-causing Mold proof your Boat

Stain-causing Mold proof your Boat

Saves Your Seats

{AGRICULTURE & HORTICULTURE MARKETING TEXT}

(NOTE TO REVIEWER: THIS IS FOR APPLICATION TO THE FACILITY SURFACES, TOOLS, AND TEXTILES, NOT PLANTS)

Protect your growing and processing rooms

Odor-causing [mold][mildew] protection for grow and processing rooms

Stain-causing [mold][mildew] protection for grow and processing rooms

[can] last[s] an entire grow cycle

{GENERAL MARKETING TEXT}

fragrance free (Note to reviewer: Used with no fragrance formula)

Protect your investment from every angle

[the] Goldshield Cleaning System (Note to reviewer: this is in reference to bundled product packages, not just GS5)

powered by Goldshield

Stops odor-causing mold cold

Stops stain-causing mold cold

Odor-causing Mold's Worst Enemy

Stain-causing Mold's Worst Enemy

fight stains [& odors]

Surface [Protectant] [Protector]

Mask [Protectant] [Protector]

MOLD, MILDEW, ODOR PROTECTOR AND INHIBITOR

Goldshield ®5 is an antimicrobial agent effective against odor causing bacteria.

Goldshield ®5 is a Patented water-stable formula. Goldshield ®5 is Water-stable during storage Goldshield ®5 is Water-stable extending shelf life

Goldshield ®5 is an antimicrobial agent effective against bacteria which cause staining and discoloration.

Goldshield ®5 is an antimicrobial agent effective against fungi (mold and mildew).

Goldshield ®5 is an antimicrobial agent effective against algae.

Goldshield ®5 an antimicrobial agent, controls the source of odors on surfaces in the home, in the bathroom, in the kitchen.

Bacteriostatic, fungistatic (mold and mildew), algaestatic.

Goldshield® 5 is an antimicrobial surface agent. This statement will appear directly under or next to the product Brand, in this case

Goldshield 5 when being sold as a surface application not laundry application.

Goldshield ®5 an antimicrobial agent, inhibits smelly odors caused by mold and mildew that can grow even in the cleanest of homes.

Goldshield ®5, an antimicrobial agent, inhibits the growth of odor causing bacteria.

Effective on hard non-porous washable bathroom and kitchen surfaces and fixtures around the home.

Effective on modern hard non-porous washable surfaces made of fiberglass, glazed porcelain, Formica□, stainless steel, synthetic marble.

Imparts microbiostatic properties.

Use on carpet and upholstery to inhibit odor causing bacteria, bacteria which cause staining and discoloration, and fungi (mold and mildew).

Unscented.

Use on carpet and upholstery to inhibit the growth of odor causing bacteria.

Use on carpet and upholstery to inhibit the growth of bacteria which cause staining and discoloration. Use on carpet and upholstery to

inhibit the growth of fungi (mold and mildew).

Use on carpet and upholstery to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria.

Provides an invisible microbiostatic coating to inhibit the growth of bacteria which cause staining and discoloration. Provides an invisible microbiostatic coating to inhibit the growth of fungi (mold and mildew).

Provides an invisible microbiostatic coating to inhibit the growth of algae.

Provides an invisible microbiostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Prevents deterioration caused by bacteria and fungi (mold and mildew). Inhibits deterioration caused by bacteria.

Resists development of microbial odors.

Resists development of stains and discoloration due to bacteria. Resists development of stains due to fungi (mold and mildew).

Resists stains due to algae.

Resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae. Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria.

Provides/creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration. Provides/creates an invisible barrier to inhibit the growth of fungi (mold and mildew).

Provides/creates an invisible barrier to inhibit the growth of algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Provides/creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

Optional Graphics



STORAGE AND DISPOSAL

STORAGE AND DISPOSAL {Up to 5 gallons}

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food, pet food, feed, seed, fertilizers, and veterinary supplies

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

[For Home owners use the statement will read: Pesticide disposal: Wastes resulting from the use of this product may be disposed of on site]

Container Handling Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat

this procedure two more times. Offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[For homeowners use statement will read: **Container Handling Disposal:** Securely wrap original container in several layers of newspaper and discard in trash.]

STORAGE AND DISPOSAL {Up to 5 gallons}

Do not contaminate water, food, or feed by storage and disposal

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food ,pet food, feed, seed, fertilizers, and veterinary supplies

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

[For Home owners use the statement will read: **Pesticide disposal:** Wastes resulting from the use of this product may be disposed of on site]

Container Handling Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[For homeowners use statement will read : **Container Handling Disposal:** Securely wrap original container in several layers of newspaper and discard in trash.]

STORAGE AND DISPOSAL {5 gallon containers and larger (not for homeowner)}

Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food ,pet food, feed, seed, fertilizers, and veterinary supplies

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

~~[For Home owners use the statement will read: Pesticide disposal: Wastes resulting from the use of this product may be disposed of on site]~~

Container Handling/Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Note: Any claims for paint use must be for the preservative of the paint in the can. Goldshield ®5 is to be used as an in can preservative for paints to control the growth of odor causing bacteria, bacteria which causes staining and discoloration, fungi (mold and mildew) and algae.

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE MATERIAL SAFETY DATA SHEET (MSDS). THE MSDS CAN BE OBTAINED BY WRITING : AP Goldshield LLC , 9570 Pan American Dr., El Paso Texas, 79927734 Chicken Valley Rd, PO Box 428, Locust Valley, NY 11560 or emailing: info@goldshieldbrands.com info@goldshieldbrands.com.

IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

AP GOLDSHIELD, LLC warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

AP GOLDSHIELD LLC SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY. www.goldshieldbrands.com

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